

Application No.: 10/685,575

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, listings, of claims in the application:

Claim 1 (Cancelled).

2. (Currently Amended) The non-sectional locking buffer device as claimed in claim [[1]] 4, wherein further comprising:

a sleeve shaft affixed to and positionally secured to said central shaft, wherein:
the ball bearings are ~~configured~~ mounted on the ~~central~~ said sleeve shaft, ~~and~~
~~a sleeve shaft is further affixed to the central shaft, positionally secured thereof.~~

3. (Currently Amended) The non-sectional locking buffer device as claimed in claim [[1]] 4, wherein:

said screw grooves are configured as outer screw grooves ~~are configured~~ at one end of the said central shaft, and the ball bearings are configured on in the inner wall of the cylinder defining said buffer chamber, thereby allowing the ball bearings to slip within the said outer screw grooves ~~of the central shaft.~~

4. (New) A non-sectional locking buffer device, comprising:

a cylinder having an inner surface which defines a buffer chamber, said buffer chamber having spaced apart ends;

a central shaft defining an outer surface;

a torsion spring mounted to said central shaft on its outer surface, both said central shaft and said torsion spring being mounted in said buffer chamber between said spaced apart ends;

a spring collar located adjacent one of said spaced apart ends;

a reposition spring located between said spring collar and said cylinder; and

a plurality of ball bearings located in said buffer chamber adjacent to said torsion

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spring at the other end of said spaced apart ends, wherein:

screw grooves are provided in one of: said outer surface of said central shaft, and said inner surface of said cylinder, in which said plurality of ball bearings are engaged, utilizing a screw ascending and descending principle as a buffer function.